

METHOD AND APPARATUS IN A PORTABLE SUBSCRIBER UNIT FOR
MINIMIZING A CONNECTION SETUP TIME THROUGH A
COMMUNICATION NETWORK

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Abstract of the Disclosure

In a portable subscriber unit (200) a processor (204) is arranged and programmed to maintain (302) in a memory (208) a list identifying a plurality of devices which are to be connected quickly through a communication network, and to establish (304) a new connection with the communication network. The processor is further arranged and programmed to perform, in response to establishing the new connection, when necessary for pre-programming the communication network to minimize the connection setup time for subsequent connections with the plurality of devices, at least one of the steps of (a) sending names of the plurality of devices to a domain name server (DNS) of the communication network to obtain IP addresses corresponding to the names, thereby causing the DNS to cache the IP addresses of the plurality of devices for faster servicing of subsequent connections, and (b) transmitting a dummy Internet Protocol (IP) packet to said plurality of devices.

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